
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

 Form PTO-1449 (Modified)  
 Use several sheets if necessary

**COMPLETE IF KNOWN**

Application Number	09/651,779
Confirmation Number	2448
Filing Date	August 30, 2000
First Named Inventor	Scott E. Moore
Group Art Unit	3723
Examiner Name	Dung V. Nguyen
Attorney Docket No.	108298515US

Sheet 1 of 4

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
SVN	AA✓	U.S. Application No. 09/651,808 (Atty. Docket No. 4373US)		Chopra et al.	Filed 08/30/2000	
	AB✓	U.S. Application No. 09/653,392 (Atty. Docket No. MTI-31044)		Chopra et al.	Filed 08/31/2000	
	AC✓	U.S. Application No. 10/090,869 (Atty. Docket No. 10829.8544US)		Moore et al.	Filed 03/04/2002	
	AD✓	U.S. Application No. 10/230,463 (Atty. Docket No. 10829.8672US)		Lee et al.	Filed 08/29/2002	
	AE✓	U.S. Application No. 10/230,602 (Atty. Docket No. 10829.8674US)		Chopra	Filed 08/29/2002	
	AF✓	U.S. Application No. 10/230,628 (Atty. Docket No. 10829.8673US)		Lee et al.	Filed 08/29/2002	
	AG✓	U.S. Application No. 10/230,970 (Atty. Docket No. 10829.8515US6)		Lee et al.	Filed 08/29/2002	
	AH✓	U.S. Application No. 10/230,972 (Atty. Docket No. 10829.8515US7)		Lee et al.	Filed 08/29/2002	
	AI✓	U.S. Application No. 10/230,973 (Atty. Docket No. 10829.8515US8)		Lee et al.	Filed 08/29/2002	
	AJ✓	5,244,534✓		Yu et al.	09/14/1993	
	AK✓	5,300,155		Sandhu et al.	04/05/1994	
	AL✓	5,567,300		Datta et al.	10/22/1996	
	AM✓	5,575,885		Hirabayashi et al.	11/19/1996	
	AN✓	5,618,381		Doan et al.	04/08/1997	
	AO✓	5,676,587		Landers et al.	10/14/1997	
	AP✓	5,681,423		Sandhu et al.	10/28/1997	
	AQ✓	5,780,358		Zhou et al.	07/14/1998	

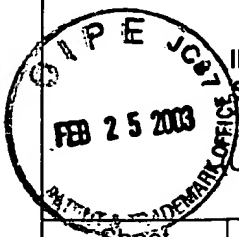
 RECEIVED  
 MAR 04 2003  
 TECHNOLOGY CENTER R3700

EXAMINER

DATE CONSIDERED

4-21-2003

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified)  
Use several sheets if necessary)

COMPLETE IF KNOWN

Application Number	09/651,779
Confirmation Number	2448
Filing Date	August 30, 2000
First Named Inventor	Scott E. Moore
Group Art Unit	3723
Examiner Name	Dung V. Nguyen
Attorney Docket No.	108298515US

Sheet 2 of 4

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
DVN	AR/	5,840,629		Carpio	11/24/1998	
	AS/	5,846,398		Carpio	12/08/1998	
	AT/	5,863,307		Zhou et al.	01/26/1999	
	AU/	5,897,375		Watts et al.	04/27/1999	
	AV/	5,934,980		Koos et al.	08/10/1999	
	AW/	5,954,975		Cadien et al.	09/21/1999	
	AX/	5,954,997		Kaufman et al.	09/21/1999	
	AY/	5,972,792		Hudson	10/26/1999	
	AZ/	6,001,730		Farkas et al.	12/14/1999	
	BA/	6,039,633		Chopra	03/21/2000	
	BB/	6,046,099		Cadien et al.	04/04/2000	
	BC/	6,051,496		Jang	04/18/2000	
	BD/	6,060,386		Givens	05/09/2000	
	BE/	6,060,395		Skrovan et al.	05/09/2000	
	BF/	6,063,306		Kaufman et al.	05/16/2000	
	BG/	6,066,559		Gonzalez et al.	05/23/2000	
	BH/	6,068,787		Grumbine et al.	05/30/2000	
	BI/	6,083,840		Mravic et al.	07/04/2000	
	BJ/	6,100,197		Hasegawa	08/08/2000	
	BK/	6,103,628		Talieh	08/15/2000	
	BL/	6,117,781		Lukanc et al.	09/12/2000	
	BM/	6,143,155		Adams et al.	11/07/2000	
	BN/	6,196,899	B1	Chopra et al.	03/06/2001	
	BO/	6,206,756	B1	Chopra et al.	03/27/2001	

RECEIVED  
 MAR 04 2003  
 TECHNOLOGY CENTER R3700

EXAMINER

*Dung van Nguyen*

DATE CONSIDERED

4-21-2003

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; margin-right: 10px; text-align: center;"> <b>U.S. PATENT &amp; TRADEMARK OFFICE</b>  <b>FEB 25 2003</b> </div> <div> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>            Form PTO-1449 (Modified)            (Use several sheets if necessary)         </div> </div>				<b>COMPLETE IF KNOWN</b>	
				Application Number	09/651,779
				Confirmation Number	2448
				Filing Date	August 30, 2000
				First Named Inventor	Scott E. Moore
				Group Art Unit	3723
Examiner Name	Dung V. Nguyen				
Attorney Docket No.	108298515US				

Sheet	3	of	4
-------	---	----	---

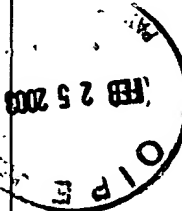
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
DVN	BP/	6,218,309	B1	Miller et al.	04/17/2001	
	BQ/	6,250,994	B1	Chopra et al.	06/26/2001	
	BR/	6,273,786	B1	Chopra et al.	08/14/2001	
	BS/	6,276,996	B1	Chopra	08/21/2001	
	BT/	6,287,974	B1	Miller	09/11/2001	
	BU/	6,299,741	B1	Sun et al.	10/09/2001	
	BV/	6,313,038	B1	Chopra et al.	11/06/2001	
	BW/	6,328,632	B1	Chopra	12/11/2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
DVN	BX/	WO	00/26443		Talieh	05/11/2000		
	BY/	WO	00/28586		Chopra	05/18/2000		
	BZ/	WO	00/32356		Talieh	06/08/2000		
	CA/	WO	00/59008		Talieh	10/05/2000		
	CB/	WO	00/59682		Talieh	10/12/2000		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
DVN	CC/	FRANKENTHAL, R.P. and EATON, D.H., "Electroetching of Platinum in the Titanium-Platinum-Gold Metallization on Silicon Integrated Circuits", <i>Journal of The Electrochemical Society</i> , Vol. 123, No. 5, pp. 703-706, May 1976.	
	CD/	BERNHARDT, A.F., CONTOLINI, R.J., MAYER, S.T, "Electrochemical Planarization for Multi-Level Metallization of Microcircuitry," <i>CircuiTree Journal</i> , Vol. 8, No. 10, pp. 38, 40, 42, 44, 46, and 48, Oct. 1995.	
	CE/	HUANG, C.S. et al., "A Novel UV Baking Process to Improve DUV Photoresist Hardness", pp. 135-138.	
	CF/	ATMI Table of Contents, presented at the Semicon West '99 Low Dielectric Materials Technology Conference, July 12, 1999, pp. 13-25.	

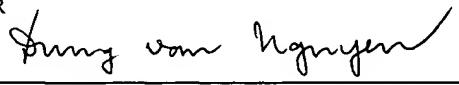
EXAMINER <div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;">Dung van Nguyen</div>	DATE CONSIDERED <div style="font-size: 1.2em; margin-top: 10px;">4-21-2003</div>
--	---

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	09/651,779
				Confirmation Number	2448
				Filing Date	August 30, 2000
				First Named Inventor	Scott E. Moore
				Group Art Unit	3723
Sheet 4 of 4				Examiner Name	Dung V. Nguyen
				Attorney Docket No.	108298515US

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
DVN	CG✓	Micro Photonics, Inc., CSM Application Bulletin, "Low-load Micro Scratch Tester (MST) for characterisation of thin polymer films", <a href="http://www.microphotonics.com/mstABpoly.html">http://www.microphotonics.com/mstABpoly.html</a> , 7/25/2002, 3 pages.	
	CH✓	Micro Photonics, Inc., "CSM Nano Hardness Tester", <a href="http://www.microphotonics.com/nht.html">http://www.microphotonics.com/nht.html</a> , 7/29/2002, 6 pages.	
	CI✓	PhysicsWorld – Table of Contents, PhysicsWeb, "Hard Materials", <a href="http://physicsweb.org/box/world/11/1/11/world-11-1-11-1">http://physicsweb.org/box/world/11/1/11/world-11-1-11-1</a> , 7/29/2002, 1 page.	

**RECEIVED**  
**MAR 04 2003**  
 TECHNOLOGY CENTER R3700

EXAMINER 	DATE CONSIDERED 4-21-2003
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	